

Title (en)
TREAD FOR HEAVY GOODS VEHICLE WINTER TYRE

Title (de)
LAUFFLÄCHE FÜR WINTERREIFEN EINES SCHWERLASTFAHRZEUGS

Title (fr)
BANDE DE ROULEMENT POUR PNEU HIVERNAL POIDS LOURD

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Application
EP 16815623 A 20161201

Priority
• FR 1561822 A 20151203
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Abstract (en)
[origin: WO2017093669A1] A tread (1) for a heavy goods vehicle tyre, said tread comprising at least two circumferential grooves (2) that delimit at least one intermediate row (I) and two edge rows (B), a plurality of oblique grooves (3) in the shape of a V, each oblique groove (3) comprising arms (31, 32) that make an angle at least equal to 30° and at most equal to 60° with the axial direction, the circumferential grooves (2) and the oblique grooves (3) delimiting a plurality of V-shaped blocks on each intermediate row, this tread being such that: - in each V-shaped block (4), on either side of a plane P dividing each block into two parts, at least one channel (5) is formed under the tread surface, this channel (5) having a width at least equal to 2 mm and at most equal to 6 mm and being intended to create a new groove after a predetermined amount of partial wear, each channel (5) comprising, in the new state, openings (51, 52) that open into oblique grooves (3), and wherein - a bridge of material (6) is formed between pairs of the V-shaped blocks (4), this bridge of material (6) taking up, in terms of height and starting from the bottom of the oblique grooves, at least 40% of the depth of the oblique grooves, specifically over a width at least equal to 10 mm, this bridge of material (6) being appropriate for not closing the openings (51, 52) of the channels (5).

IPC 8 full level
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Citation (search report)
See references of WO 2017093669A1

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